

Figure 1

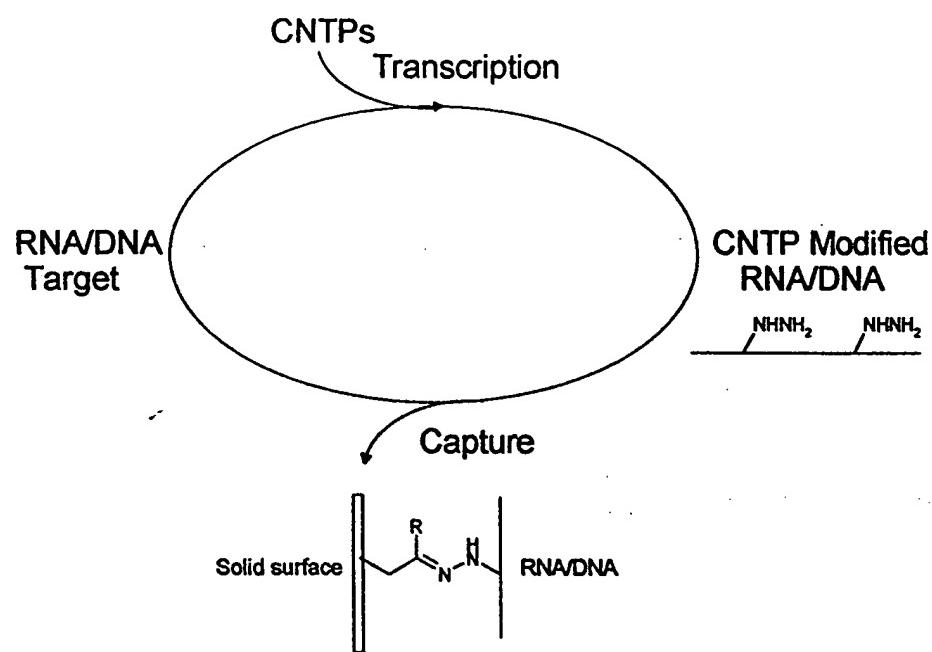
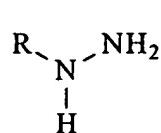
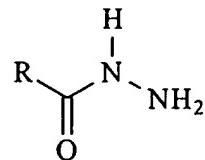


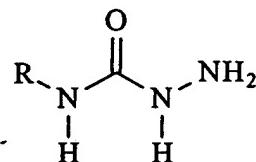
Figure 2



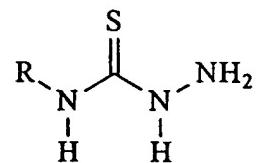
hydrazine



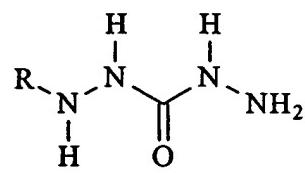
hydrazide



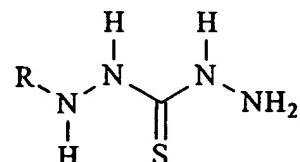
semicarbazide



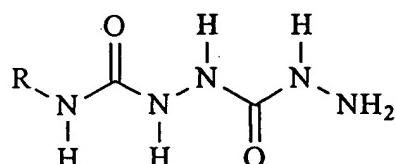
thiosemicarbazide



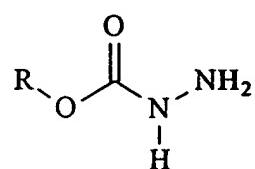
carbazide



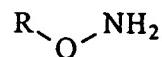
thiocarbazide



carbonic acid dihydrazine

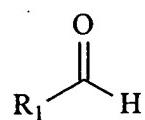


hydrazine carboxylate

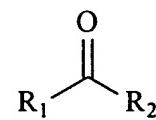


hydroxylamine
or aminoxy

Figure 3



aldehyde



ketone

R_1 and R_2 = alkyl, aromatic or heteroaromatic

Figure 4

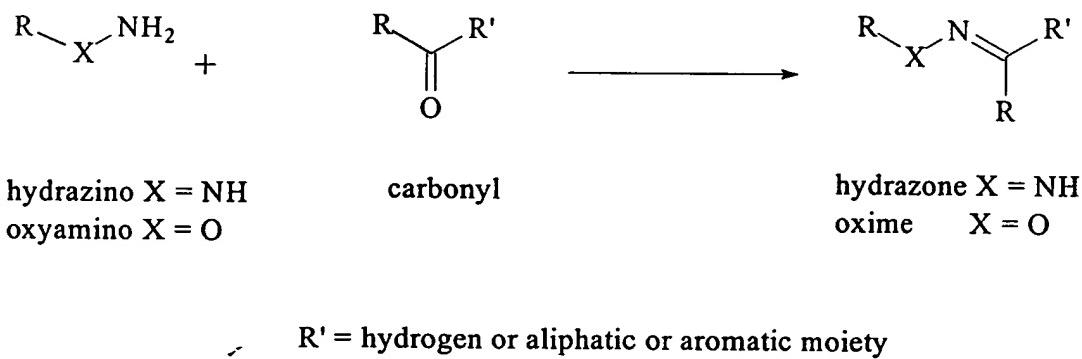


Figure 5

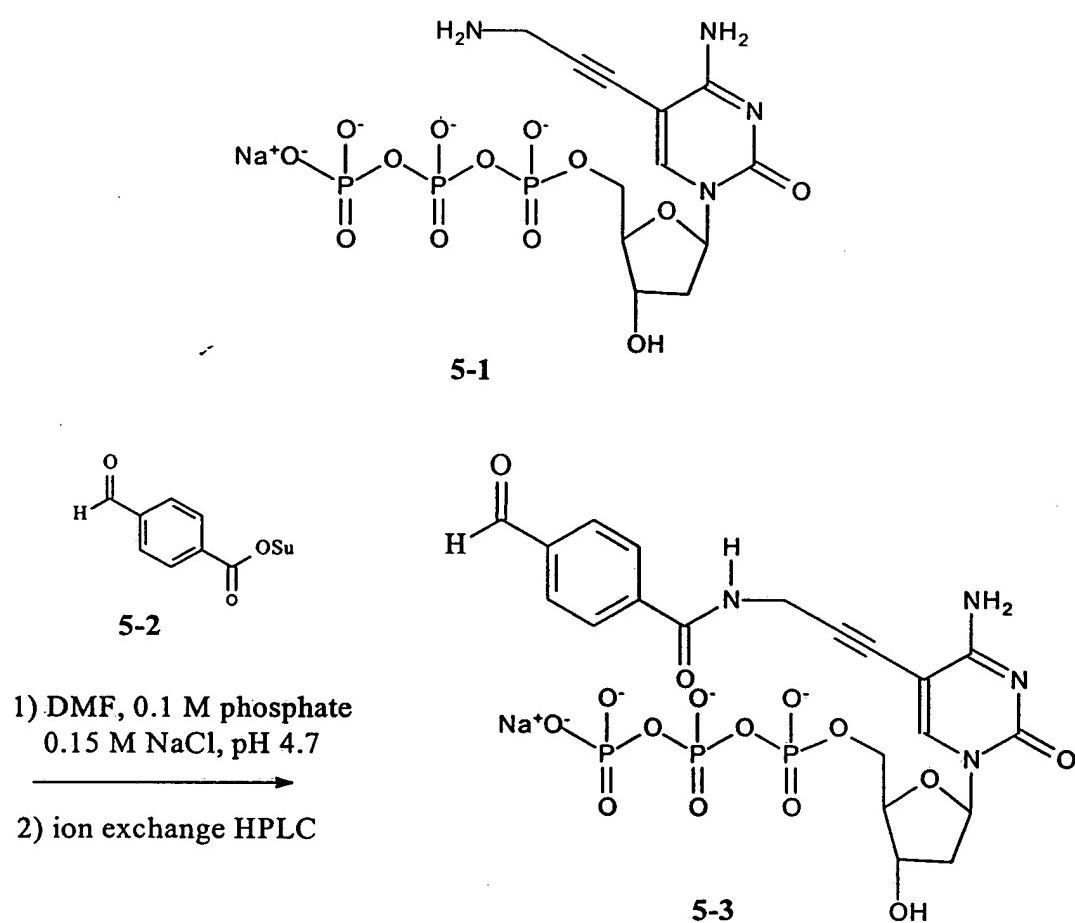


Figure 6

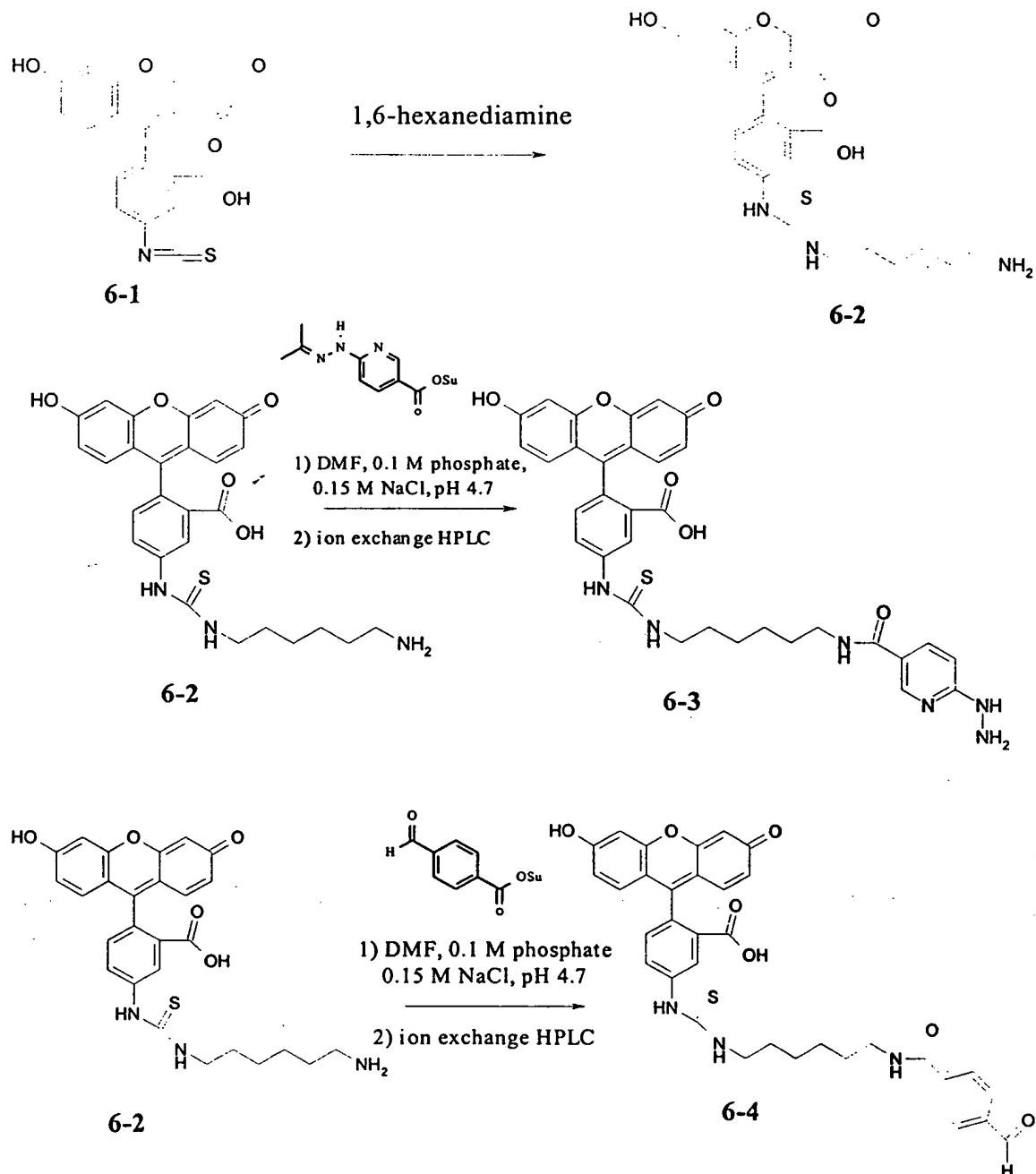


Figure 7

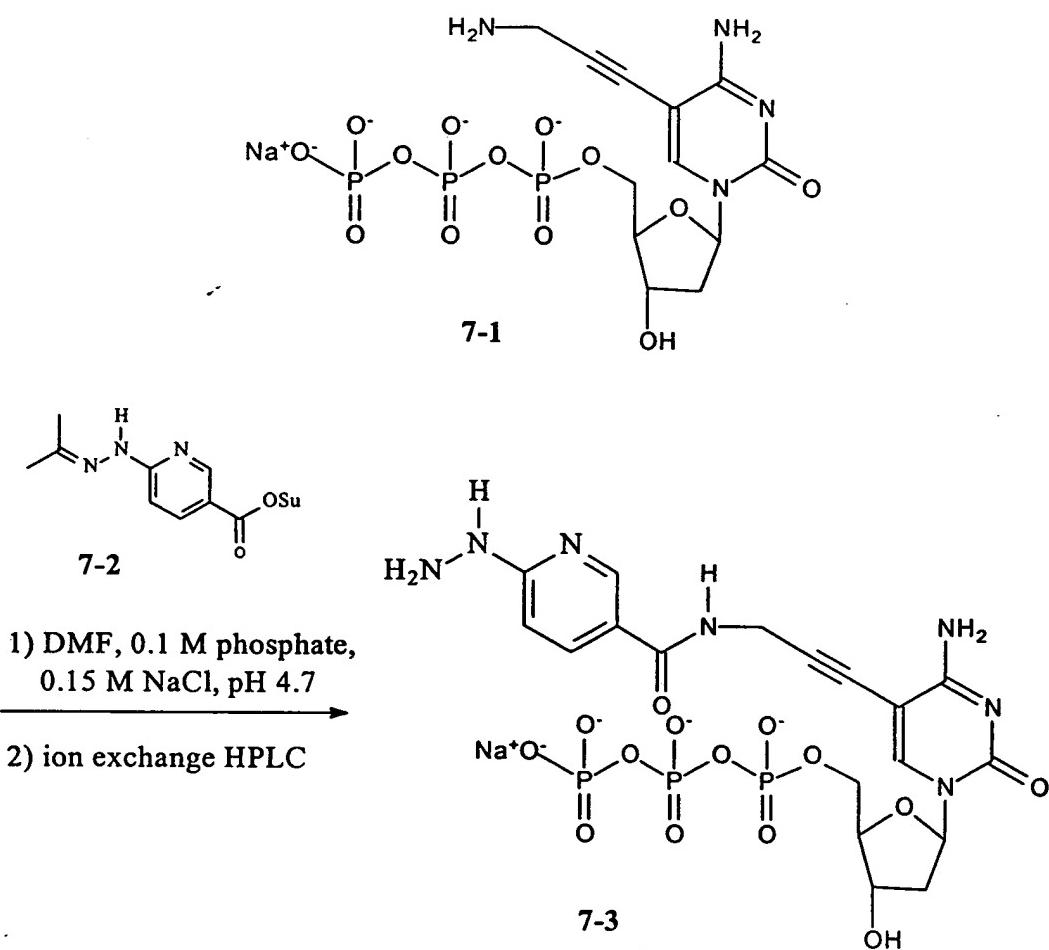


Figure 8

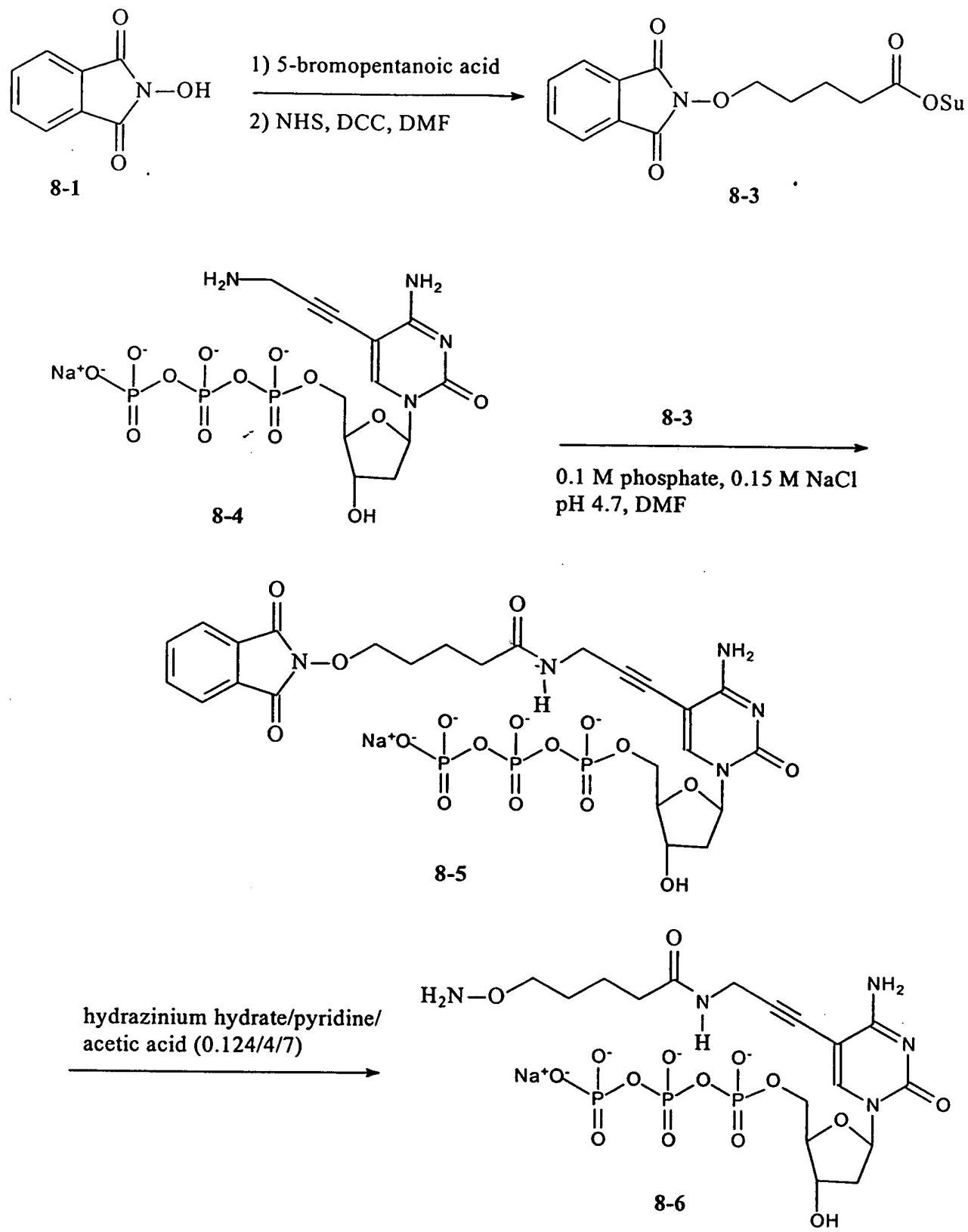
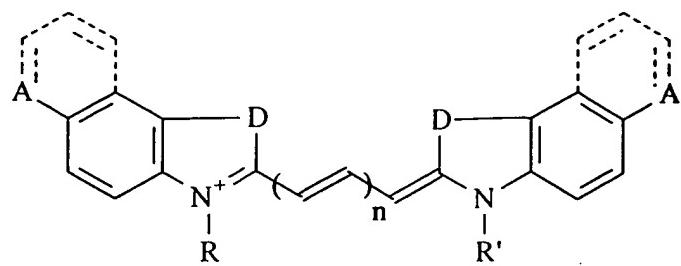
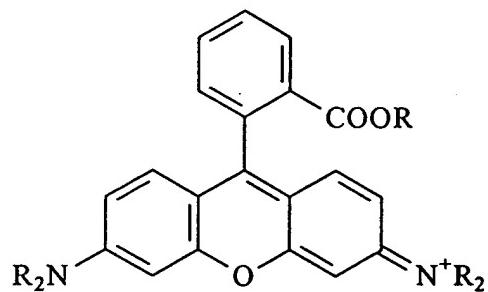


Figure 9



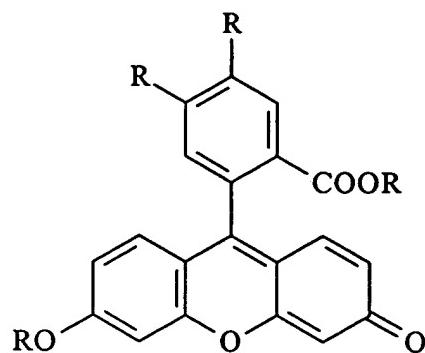
cyanine dyes

D = S, CMe₂; A = H, SO₃⁻, CH; n = 1, 2 or 3; R, R' = alkyl, aryl, heteroaryl, M-X



rhodamines

R = H, alkyl, aryl, heteroaryl, M-X



fluoresceins

R = H, OR, NR₂, alkyl, aryl, heteroaryl, M-X